Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No. **1st & Final** (For Other Works) Date.....20.....

Division: **Dasarahalli Division**

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No..... Head of Account:

Name of Work: Improvements and Ashalting to babanna layout 2nd Main road and surrounding cross roads in ward No 12, Shettyhalli Sub Division

Name of Contractor and Full Address: KRIDL

Reference to Agreement No:

Work Order No:

Job code No: 012-19-000051

Certified that the measurements were taken by me on.....and recorded in pages..... of measurement Book No..... and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Certified that the measurements were taken by me on 28/5/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment 012-19-000051 **Sub-Division Officer**

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ಆಸ್ಪತ್ರೆ ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

1)	Total value of work done or supplies made as per account within	1st and Finall Bill → 1964408 = ∞
2)	Deduct amount to be held in reserve being.....percent Rs.....	
3)	Deduct amount to be held in Balance	IT → 39284 = ∞
4)	Deduct Payment :	Lwc → 19644 = ∞
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	LR → 19841 2 = ∞
	Amount adjusted towards cash advance recovery of	SD → 98223 5 = ∞
	b) Payments cost store or other materials supplied.	CSF →
	Now made recovery of amount creditable to this/other work	CyST → 19645 = ∞
	Amount paid on this bill Cheque/Cash	SyST → 175399 = ∞
5)	Balance being unpaid value of work done held in reserve	(-) 2140431 = ∞
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	
7)	Net amount due to or from contractor	Net Amount → 17504277 = ∞
	Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied	

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Witnesses :

(For use in the Office)

1.

2.

Dated.....Signature of Contractor

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment **Executive Engineer**

Name of Work: Improvements and Ashalting to babanna layout 2nd Main road and surrounding cross roads in ward No 12, Shettyhalli Sub Division

ABSTRACT - R.A BILL No.01

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications 10km lead complete as per the direction of Engineer in-charge	Cum	1689.60	220.40	372387.84	_	_	1688.10	220.40	372057.24	1688.10	372057.24
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.complete as per the direction of Engineer in-charge	Cum	253.44	5421.90	1374126.34	_	_	253.22	5421.90	1372933.51 1372906.41	253.22	1372933.51 1372906.41

No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cmcomplete as per the direction of Engineer in-charge	Cum	443.52	7070.20	3135775.10			443.13	7070.20	3132991.21	443.13	3132991.21
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatiocomplete as per the direction of Engineer in-charge	Tn	31.05	72326.98	2245492.35	–	–	31.04	72326.98	2245029.46	31.04	2245029.46

No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. complete as per the direction of Engineer in-charge	Sqm	1267.20	2208.00	2797977.60			1266.80	2208.00	2797083.36	1266.80	2797083.36
6	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete (I No-5.30,P No-27)	Nos	889.00	432.48	384474.72			887.00	432.48	383609.76	887.00	383609.76
7	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.(I No-24.1,P No-180)	Sqm	140.00	84.80	11872.00			139.25	84.80	11808.190	139.25	11808.190

No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km leadcomplete as per the direction of Engineer in-charge	Cum	1045.65	69.06	72212.59			1031.72	69.06	71250.91	1031.72	71250.91
9	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications complete as per the direction of Engineer in-charge	Sqm	2614.50	6.36	16628.22			2610.49	6.36	16602.72	2610.49	16602.72
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.complete as per the direction of Engineer in-charge	Cum	496.70	1994.92	990866.79			496.91	1994.92	991297.69	496.91	991297.69

No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
11	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications complete as per the direction of Engineer in-charge	Cum	745.04	2001.28	1491038.65			745.37	2001.28	1491687.07	745.37	1491687.07
12	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications complete as per the direction of Engineer in-charge	Sqm	3311.30	29.68	98279.38			3312.74	29.68	98322.12	3312.74	98322.12
13	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications complete as per the direction of Engineer in-charge	Sqm	6605.10	12.72	84016.87			6599.55	12.72	83946.28	6599.55	83946.28

No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per the direction of Engineer in-charge	Cum	294.08	6858.20	2016825.17			294.26	6858.20	2018107.65	294.26	2018107.65
15	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen (complete as per the direction of Engineer in-charge	Cum	212.36	7911.84	1680134.61			212.15	7911.84	1678513.47	212.15	1678513.47

No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. complete as per the direction of Engineer in-charge	Sqm	221.40	454.74	100679.44			217.92	454.74	99096.94	217.92	99096.94
	Total				**16872787.67**					**16864310.48**		**16864310.48**
	GST 12%				**2024734.52**					**2023717.26**		**2023717.26**
	KRIDL Charges 4.5%				**759275.45**					**758893.97**		**758893.97**
	Grand Total				**19656797.63**					**19646921.71**		**19646921.71**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore